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NEWS 14	Nov 25	More calculated properties added to REGISTRY
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NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
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NEWS 22	Feb 24	PCTGEN now available on STN
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NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 20	EVENTLINE will be removed from STN
NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 30	Apr 11	Display formats in DGENE enhanced
NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 33	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 35	Apr 28	RDISCLOSURE now available on STN
NEWS 36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39	May 16	CHEMREACT will be removed from STN
NEWS 40	May 19	Simultaneous left and right truncation added to WSCA
NEWS 41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation

[redacted]

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=> s sucralose
  44 FILES SEARCHED...
L1         4124 SUCRALOSE

=> s l1 and purif?
  28 FILES SEARCHED...
L2          336 L1 AND PURIF?

=> s l2 and extract?
  29 FILES SEARCHED...
L3          220 L2 AND EXTRACT?

=> s l3 and (batch or continuous or countercurrent)
  33 FILES SEARCHED...
L4          117 L3 AND (BATCH OR CONTINUOUS OR COUNTERCURRENT)

=> s l4 and (acetate or aqueous or water)
  21 FILES SEARCHED...
  42 FILES SEARCHED...
L5          117 L4 AND (ACETATE OR AQUEOUS OR WATER)

=> s l5 and (tetrachlorosucrose or remov? or separat? or chlorinated)
  23 FILES SEARCHED...
  42 FILES SEARCHED...
  53 FILES SEARCHED...
L6          115 L5 AND (TETRACHLOROSUCROSE OR REMOV? OR SEPARAT? OR CHLORINATE
                D)

=> s l6 and tetrachlorogalactotagatose
  50 FILES SEARCHED...
L7            0 L6 AND TETRACHLOROGALACTOTAGATOSE

=> s l6 and (hildebrand(w)parameter)
  28 FILES SEARCHED...
L8            0 L6 AND (HILDEBRAND(W) PARAMETER)

=> s l6 and crystalliz?
  45 FILES SEARCHED...
L9           51 L6 AND CRYSTALLIZ?

=> s l9 and (mother(w)liquor or recycl?)
  33 FILES SEARCHED...
L10          17 L9 AND (MOTHER(W) LIQUOR OR RECYCL?)

=> dis l10 1-17 bib abs

L10  ANSWER 1 OF 17  USPATFULL
```

AN 2002:61448 USPATFULL
TI **Extractive** solution **crystallization** of chemical compounds
IN Fontenot, Kevin J., Kingsport, TN, UNITED STATES
PI US 2002035284 A1 20020321
US 6500973 B2 20021231
AI US 2001-870988 A1 20010601 (9)
PRAI US 2000-208565P 20000602 (60)
DT Utility
FS APPLICATION
LREP MORGAN, LEWIS & BOCKIUS, 1800 M STREET NW, WASHINGTON, DC, 20036-5869
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN 3 Drawing Page(s)
LN.CNT 1149
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process for the **purification** and isolation of a chemical compound, by **extractive** solution **crystallization**. The process comprises combining in any order a first solvent, a second solvent, and a mixture comprising a chemical compound with at least one impurity. The second solvent phase **extracts** impurities out of the first solvent, and keeps the impurities dissolved to avoid their co-**crystallization** with the phenyl ester salt. Once the chemical compound has **crystallized** out of solution, it is collected, washed and/or dried. The second solvent may be added after the mixture containing at least one chemical compound is dissolved in a first solvent, as long as the second solvent phase is added prior to the end of **crystallization**. Advantageously, this invention combines the previously distinct steps of **extraction** and **crystallization** in one unit operation. The process may be used with a variety of chemical compounds particularly, phenyl ester salts, including but not limited to sodium 4-sulfophenyl-6-[(1-oxynonyl)amino] hexanoate, sodium 4-(nonanoyloxy) benzenesulfonate, and sodium benzoyloxybenzenesulphonate.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 2 OF 17 USPATFULL
AN 1999:137496 USPATFULL
TI Chromatographic **purification** of **chlorinated** sucrose
IN Catani, Steven J., Athens, GA, United States
Leinhos, Duane A., Athens, GA, United States
O'Connor, Thomas, Athens, GA, United States
PA McNeil-PPC, Inc., Skillman, NJ, United States (U.S. corporation)
PI US 5977349 19991102
AI US 1998-22071 19980211 (9)
PRAI US 1997-46980P 19970213 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Wilson, James O.
LREP Coletti, Ellen Ciambrone
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN 13 Drawing Figure(s); 9 Drawing Page(s)
LN.CNT 452
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process for **separating**, in the liquid phase, a reaction mixture which comprises a first **chlorinated** sucrose and at least one additional component selected from the group consisting of at least one other **chlorinated** sucrose different from said first **chlorinated** sucrose, salt and solvent, by injecting said reaction mixture onto a fixed bed of solid adsorbent and treating with a desorbent such that:

(a) the first **chlorinated** sucrose passes through the adsorbent into a first recoverable product stream rich in said first **chlorinated** sucrose at a rate, which is different than the rate at which,

(b) at least one of said additional components passes through the adsorbent into at least a second recoverable stream rich in said additional component.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 17 USPATFULL
AN 1999:48111 USPATFULL
TI Process for forming quickly dispersing comestible unit and product therefrom
IN Cherukuri, Subraman R., Towner, NJ, United States
Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5895664 19990420
AI US 1994-259258 19940614 (8)
RLI Continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, Sharon
LREP Nolan, Sandra M.
CLMN Number of Claims: 12
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1378
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method of preparing a comestible unit which disperses quickly in the mouth. The present invention also includes the product resulting from the method. The method includes initiating **crystallization** of shearform matrix and combining with an additive, either before or after initiating **crystallization**, to form flowable, compactible micro-particulates. The combination is then subjected to compacting to form a comestible unit having high structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 4 OF 17 USPATFULL
AN 1999:21766 USPATFULL
TI Apparatus for making rapidly-dissolving dosage units
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5871781 19990216
AI US 1996-772022 19961219 (8)
RLI Division of Ser. No. US 1996-652252, filed on 23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Ryan, Patrick; Assistant Examiner: Leyson, Joseph

LREP Nolan, Sandra M.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1083
AB The present invention involves an apparatus for making comestible units. The comestible units made in accordance with the present invention can include active ingredients and are capable of dissolving in the mouth of the consumer within several seconds. They are particularly useful as antacids and as delivery vehicles for biologically active ingredients, especially those which are ideally combined with antacid ingredients.

L10 ANSWER 5 OF 17 USPATFULL
AN 1999:15522 USPATFULL
TI Process and apparatus for making rapidly dissolving dosage units and product therefrom
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5866163 19990202
AI US 1996-772023 19961219 (8)
RLI Division of Ser. No. US 1996-652252, filed on 23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And a continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Harrison, Robert H.
LREP Nolan, Sandra M.
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1085
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 6 OF 17 USPATFULL
AN 1998:159490 USPATFULL
TI Process and apparatus for making rapidly dissolving dosage units and product therefrom
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies, Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5851553 19981222
AI US 1996-772024 19961219 (8)
RLI Continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551 76 Ser. No. US 1996-652252, filed on

23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416
DT Utility
FS Granted
EXNAM Primary Examiner: Harrison, Robert H.
LREP Nolan, Sandra M.
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1092
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 7 OF 17 USPATFULL
AN 97:33514 USPATFULL
TI Process and apparatus for making rapidly dissolving dosage units and product therefrom
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5622719 19970422
AI US 1996-652252 19960523 (8)
RLI Continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Hulina, Amy
LREP Hoffmann & Baron
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1111
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 8 OF 17 USPATFULL
AN 96:118388 USPATFULL

TI Process for forming quickly dispersing comestible unit and product therefrom
IN Cherukuri, Subraman R., Towner, NJ, United States
Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5587172 19961224
AI US 1995-452666 19950526 (8)
RLI Division of Ser. No. US 1994-259258, filed on 14 Jun 1994 which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, Sharon
LREP Hoffmann & Baron
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1374
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method of preparing a comestible unit which disperses quickly in the mouth. The present invention also includes the product resulting from the method. The method includes initiating **crystallization** of shearform matrix and combining with an additive, either before or after initiating **crystallization**, to form flowable, compactible micro-particulates. The combination is then subjected to compacting to form a comestible unit having high structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 9 OF 17 USPATFULL
AN 96:55861 USPATFULL
TI Recovery of **sucralose** intermediates
IN Navia, Juan L., Athens, GA, United States
Walkup, Robert E., Watkinsville, GA, United States
Neiditch, David S., Athens, GA, United States
PA McNeil-PPC, Inc., Skillman, NJ, United States (U.S. corporation)
PI US 5530106 19960625
AI US 1995-368466 19950104 (8)
RLI Continuation of Ser. No. US 1994-198744, filed on 18 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-30518, filed on 12 Mar 1993, now patented, Pat. No. US 5298611
DT Utility
FS Granted
EXNAM Primary Examiner: Nutter, Nathan M.
LREP Metz, Charles J.
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 609
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB There is disclosed a process for recovering **sucralose**-6-ester from a feed mixture of 6-O-acyl-4,1',6'-trichloro-4,1',6'-trideoxygalactosucrose in a reaction medium comprising a tertiary amide (such as N,N-dimethylformamide), wherein said process comprises **removing** a major proportion of said tertiary amide by steam distillation. In preferred aspects of the invention, the steam distillation is followed by **extraction** and then **purification** by **crystallization** or crystal aging to recover **sucralose**-6-ester in good yield.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 10 OF 17 USPATFULL
AN 96:21189 USPATFULL
TI Production of **sucralose** without intermediate isolation of crystalline **sucralose**-6-ester
IN Navia, Juan L., Athens, GA, United States
Walkup, Robert E., Watkinsville, GA, United States
Vernon, Nicholas M., Watkinsville, GA, United States
Neiditch, David S., Athens, GA, United States
PA McNeil-PPC, Inc., Milltown, NJ, United States (U.S. corporation)
PI US 5498709 19960312
AI US 1995-448710 19950524 (8)
RLI Continuation-in-part of Ser. No. US 1994-323954, filed on 17 Oct 1994, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Griffin, Ronald W.
LREP Metz, Charles J.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 652
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB There is disclosed a process for producing **sucralose** from **sucralose**-6-ester whereby the **sucralose**-6-ester is deacylated directly either prior to or after **removal** of the tertiary amide reaction vehicle from the neutralized chlorination reaction mixture, to produce an **aqueous** solution of **sucralose** plus salts and impurities, from which **sucralose** is recovered by **extraction** and is then preferably **purified** by **crystallization**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 11 OF 17 USPATFULL
AN 94:97730 USPATFULL
TI Process for producing an esterified alkoxylated polyol
IN Handwerker, Beth M., West Chester, PA, United States
Cooper, Charles F., Paoli, PA, United States
Sekula, Bernard C., High Bridge, NJ, United States
PA Arco Chemical Technology, L.P., Englewood Cliffs, NJ, United States (U.S. corporation)
CPC International, Inc., Englewood Cliffs, NJ, United States (U.S. corporation)
PI US 5362894 19941108
AI US 1993-151330 19931112 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Dees, Jose G.; Assistant Examiner: Carr, Deborah D.
LREP Harper, Stephen D.
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 772
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method of obtaining a fatty acid-esterified alkoxylated polyol useful as a reduced calorie fat substitute is provided. The method utilizes a C.sub.1 -C.sub.4 alkyl ester of a C.sub.8 -C.sub.24 fatty acid such as methyl stearate or methyl oleate and a short chain acid-esterified alkoxylated polyol such as the **acetate** of propoxylated glycerin as reactants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 12 OF 17 USPATFULL
AN 94:26639 USPATFULL
TI **Sucralose** pentaester production
IN Navia, Juan L., Athens, GA, United States
Walkup, Robert E., Watkinsville, GA, United States
Vernon, Nicholas M., Durham, England
Wingard, Jr., Robert E., Athens, GA, United States
PA McNeil-PPC, Inc., Milltown, NJ, United States (U.S. corporation)
PI US 5298611 19940329
AI US 1993-30518 19930312 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Nutter, Nathan M.
LREP Metz, Charles J.
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 593
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process for producing substantially pure **sucralose** pentaester from a mixture of 6-O-acyl-4,1' ,6' -trichloro-4,1',6'-trideoxygalactosucrose in a reaction medium comprising a tertiary amide, wherein said process comprises the steps of:

(a) recovering the 6-O-acyl-4,1' ,6' -trichloro-4,1' ,6' -trideoxygalactosucrose from said mixture;

(b) peracylating the 6-O-acyl-4,1' ,6' -trichloro-4,1' ,6' -trideoxygalactosucrose product of step (a) to produce thereby 4,1',6' -trichloro-4,1' ,6' -trideoxygalactosucrose pentaester; and

(c) **crystallizing** the 4,1',6' -trichloro-4,1' ,6' -trideoxygalactosucrose pentaester product of step (b) to produce substantially pure 4,1',6' -trichloro-4,1' ,6' -trideoxygalactosucrose pentaester.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 13 OF 17 USPATFULL
AN 93:14391 USPATFULL
TI Propylene glycol diesters of medium chain and long chain saturated fatty acids useful as reduced calorie cocoa butter substitutes and hard butters
IN Stipp, Gordon K., Cincinnati, OH, United States
Kluesener, Bernard W., Harrison, OH, United States
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)
PI US 5188858 19930223
AI US 1991-644042 19910118 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Golian, Joseph; Assistant Examiner: Wong, Leslie
LREP Guttag, Eric W.
CLMN Number of Claims: 42
ECL Exemplary Claim: 31
DRWN 4 Drawing Figure(s); 4 Drawing Page(s)
LN.CNT 2037
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Reduced calorie 1,2-propylene glycol diesters, where one ester group contains a medium chain C.sub.6 -C.sub.12 saturated fatty acid radicals(s), and where the other ester group contains a long chain C.sub.20 -C.sub.24 saturated fatty acid radical(s) are disclosed. These

diesters are preferably obtained by the selective esterification of long chain saturated fatty acid monoesters of propylene glycol with the respective medium chain saturated fatty acids or anhydrides. Certain preferred diesters where the medium chain radicals are C.sub.8 and/or C.sub.10 radicals and where the long chain radicals are C.sub.20 and/or C.sub.22 radicals are particularly useful as reduced calorie cocoa butter substitutes and hard butters. Chocolate-flavored products formulated from these preferred diesters, when properly **crystallized**, are bloom resistant, even when subjected to thermal stress.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 14 OF 17 USPATFULL
AN 91:59094 USPATFULL
TI Process for recovery of organotin esters from reaction mixtures containing the same and re-use of the recovered organotin compounds
IN Vernon, Nicholas M., Athens, GA, United States
Walkup, Robert E., Watkinsville, GA, United States
PA Noramco, Inc., Athens, GA, United States (U.S. corporation)
PI US 5034551 19910723
AI US 1990-512690 19900423 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Prescott, Arthur C.
LREP Metz, Charles J.
CLMN Number of Claims: 30
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1150
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process which comprises **extracting** 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl) distannoxane from a mixture containing 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl)distannoxane, a sucrose-6-ester, and polar aprotic solvent, which process comprises the steps of:

(a) contacting said mixture, in the presence of a small amount of **water**, with an organic solvent that is substantially immiscible with **water** to form thereby an **extraction** mixture, wherein the amount of **water** employed is sufficient to cause efficient partitioning of said 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl)distannoxane from a first phase comprising said polar aprotic solvent into second phase comprising said organic solvent;

(b) agitating the **extraction** mixture for a period of time and at a temperature sufficient to form thereby a two-phase mixture wherein the preponderance of the 1,3-diacyloxy-1,1,3,3-tetra(hydrocabyl)distannoxane in the **extraction** mixture is contained in said second phase and essentially all of the sucrose-6-ester in the **extraction** mixture is contained in said first phase; and

(c) **separating** said first phase from said second phase.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 15 OF 17 USPATFULL
AN 91:46787 USPATFULL
TI Sucrose-6-ester production process
IN Neiditch, David S., Athens, GA, United States
Vernon, Nicholas M., Athens, GA, United States
Wingard, Jr., Robert E., Athens, GA, United States
PA Noramco, Inc., Athens, GA, United States (U.S. corporation)
PI US 5023329 19910611

AI US 1990-512692 19900423 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Griffin, Ronald W.; Assistant Examiner: White, Everett
LREP Metz, Charles J.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1162
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Process which comprises reacting sucrose with a di-(hydrocarbyl)tin oxide in an inert organic reaction vehicle with **removal** of **water** for a period of time and at a temperature sufficient to produce a 1,3-di-(6-O-sucrose)-1,1,3,3-tetra(hydrocarbyl)distannoxane.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 16 OF 17 USPATFULL
AN 90:98814 USPATFULL
TI Sucrose-6-ester chlorination
IN Walkup, Robert E., Watkinsville, GA, United States
Navia, Juan L., Athens, GA, United States
Vernon, Nicholas M., Athens, GA, United States
PA Noramco, Inc., Atlanta, GA, United States (U.S. corporation)
PI US 4980463 19901225
AI US 1989-382147 19890718 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Griffin, Ronald W.; Assistant Examiner: White, Everett
LREP Metz, Charles J.
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN 7 Drawing Figure(s); 6 Drawing Page(s)
LN.CNT 1218
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process for the chlorination of sucrose-6-esters to produce 6',4,1'-trichlorosucrose-6-esters which comprises the steps of:

(a) adding at least seven molar equivalents of an acid chloride to a reaction mixture containing a sucrose-6-ester and a tertiary amide to form initially a chloroformiminium chloride salt which subsequently forms a complex with the hydroxyl groups of the sucrose-6-ester;

(b) subjecting the reaction mixture product of step (a) to an elevated temperature not higher than about 85.degree. C. for a period of time sufficient to produce a mixture of **chlorinated** sucrose-6-ester products consisting essentially of 6'-chlorosucrose-6-ester, 4,6'-dichlorosucrose-6-ester, and 1',6'-dichlorosucrose-6-ester; and

(c) subjecting the reaction mixture product of step (b) to an elevated temperature not higher than about 125.degree. C. for a period of time sufficient to produce a **chlorinated** product consisting essentially of 1',4,6'-trichlorosucrose-6-ester.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 17 OF 17 USPAT2
AN 2002:61448 USPAT2
TI **Extractive** solution **crystallization** of chemical compounds
IN Fontenot, Kevin J., Kingsport, TN, United States
PA Eastman Chemical Company, Kingsport, TN, United States (U.S. corporation)
PI US 6500973 B2 20021231

AI US 2001-870988 20010601 (9)
PRAI US 2000-208565P 20000602 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Carr, Deborah D.
LREP Graves, Bernard J., Blake, Michael J.
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 3 Drawing Page(s)
LN.CNT 1168
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process for the **purification** and isolation of a chemical compound, by **extractive** solution **crystallization**. The process comprises combining in any order a first solvent, a second solvent, and a mixture comprising a chemical compound with at least one impurity. The second solvent phase **extracts** impurities out of the first solvent, and keeps the impurities dissolved to avoid their co-**crystallization** with the phenyl ester salt. Once the chemical compound has **crystallized** out of solution, it is collected, washed and/or dried. The second solvent may be added after the mixture containing at least one chemical compound is dissolved in a first solvent, as long as the second solvent phase is added prior to the end of **crystallization**. Advantageously, this invention combines the previously distinct steps of **extraction** and **crystallization** in one unit operation. The process may be used with a variety of chemical compounds particularly, phenyl ester salts, including but not limited to sodium 4-sulfophenyl-6-[(1-oxynonyl)amino] hexanoate, sodium 4-(nonanoyloxy) benzenesulfonate, and sodium benzoyloxybenzenesulphonate.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> dis l9 1-51 bib abs

L9 ANSWER 1 OF 51 IFIPAT COPYRIGHT 2003 IFI
AN 2698124 IFIPAT;IFIUDB;IFICDB
TI PRODUCTION OF **SUCRALOSE** WITHOUT INTERMEDIATE ISOLATION OF CRYSTALLINE **SUCRALOSE**-6-ESTER; DEACYLATION, **EXTRACTION**, **CRYSTALLIZATION**
INF Navia, Juan L, Athens, GA
Neiditch, David S, Athens, GA
Vernon, Nicholas M, Watkinsville, GA
Walkup, Robert E, Watkinsville, GA
IN Navia Juan L; Neiditch David S; Vernon Nicholas M; Walkup Robert E
PAF McNeil-PPC, Inc, Milltown, NJ
PA McNeil-PPC Inc (21775)
EXNAM Griffin, Ronald W
AG Metz, Charles J
PI US 5498709 19960312 (CITED IN 009 LATER PATENTS)
AI US 1995-448710 19950524
XPD 17 Oct 2014
RLI US 1994-323954 19941017 CONTINUATION-IN-PART ABANDONED
FI US 5498709 19960312
DT UTILITY
FS CHEMICAL
GRANTED
OS CA 124:343978
MRN 007513 MFN: 0340
CLMN 15
AB There is disclosed a process for producing **sucralose** from **sucralose**-6-ester whereby the **sucralose**-6-ester is deacylated directly either prior to or after **removal** of the tertiary amide reaction vehicle from the neutralized chlorination

reaction mixture, to produce an **aqueous** solution of **sucralose** plus salts and impurities, from which **sucralose** is recovered by **extraction** and is then preferably **purified** by **crystallization**.
CLMN 15

L9 ANSWER 2 OF 51 USPATFULL
AN 2003:142858 USPATFULL
TI Coated chewing gum products containing antacid and method of making
IN Zyck, Daniel J., North Riverside, IL, United States
Greenberg, Michael J., Northbrook, IL, United States
Barkalow, David G., Deerfield, IL, United States
Marske, Scott W., LaGrange, IL, United States
Schnell, Philip G., Downers Grove, IL, United States
Mazzone, Philip, Griffith, IN, United States
PA Wm. Wrigley Jr. Company, Chicago, IL, United States (U.S. corporation)
PI US 6569472 B1 20030527
AI US 2000-654464 20000901 (9)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Corbin, Arthur L.
LREP Shurtz, Steven P., Brinks Hofer Gilson & Lione
CLMN Number of Claims: 30
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 951
AB A method of making antacid coated chewing gum products comprises the steps of providing chewing gum cores; providing a coating syrup comprising a bulk sweetener and calcium carbonate having a median particle size of greater than about 3 microns and being suspended in the coating syrup; and applying the coating syrup to the cores and drying the syrup to produce a coating on the cores, the coating containing from about 25% to about 60% calcium carbonate.

L9 ANSWER 3 OF 51 USPATFULL
AN 2003:120881 USPATFULL
TI (Benzodioxan, benzofuran or benzopyran) derivatives having fundic relaxation properties
IN Wigerinck, Piet Tom Bert Paul, Vosselaar, BELGIUM
Verschueren, Wim Gaston, Berchem, BELGIUM
Schroven, Marc Francis Josephine, Wiekevorst, BELGIUM
De Bruyn, Marcel Frans Leopold, Wortel, BELGIUM
PI US 2003083365 A1 20030501
AI US 2002-116590 A1 20020403 (10)
RLI Division of Ser. No. US 2000-641485, filed on 18 Aug 2000, PENDING
PRAI EP 1997-203808 19971205
DT Utility
FS APPLICATION
LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1530
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, wherein Alk.sup.1 is C.sub.1-6alkanediyl optionally substituted with hydroxy, C.sub.1-4alkyloxy or C.sub.1-4alkylcarbonyloxy; -Z.sup.1-Z.sup.2- is a bivalent radical; R.sup.1, R.sup.2 and R.sup.3 are each independently selected from hydrogen, C.sub.1-6alkyl, hydroxy, halo and the like; or

when R.sup.1 and R.sup.2 are on adjacent carbon atoms, R.sup.1 and R.sup.2 taken together may form a bivalent radical; R.sup.4 is hydrogen or C.sub.1-6alkyl; A is a bivalent radical of formula --NR.sup.6--Alk.sup.2- (b-1), or --Npiperidinyl-(CH.sub.2).sub.m (b-2) wherein m is 0 or 1; R.sup.5 is a radical of formula ##STR2##

wherein n is 1 or 2; p.sup.1 is 0, and p.sup.2 is 1 or 2; or p.sup.1 is 1 or 2, and p.sup.2 is 0; X is oxygen, sulfur or .dbd.NR.sup.9; Y is oxygen or sulfur; R.sup.7 is hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, phenyl or phenylmethyl; R.sup.8 is C.sub.1-6alkyl, C.sub.3-6cycloalkyl phenyl or phenylmethyl; R.sup.9 is cyano, C.sub.1-6alkyl, C.sub.3-6cyclo-alkyl, C.sub.1-6alkyloxycarbonyl or aminocarbonyl; R.sup.10 is hydrogen or C.sub.1-6alkyl; and Q is a bivalent radical. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impaired fundic relaxation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 4 OF 51 USPATFULL
AN 2003:113686 USPATFULL
TI Monocyclic benzamides of 3- or 4-substituted 4-(aminomethyl)-piperidine derivatives
IN Bosmans, Jean-Paul Rene Marie Andre, Rijkevorsel, BELGIUM
De Cleyn, Michel Anna Jozef, Merksplas, BELGIUM
Surkyn, Michel, Turnhout, BELGIUM
PI US 2003078427 A1 20030424
AI US 2002-162802 A1 20020605 (10)
RLI Continuation of Ser. No. US 2000-462287, filed on 5 Jan 2000, PENDING A 371 of International Ser. No. WO 1998-EP4189, filed on 7 Jul 1998, UNKNOWN
PRAI EP 1997-202180 19970711
EP 1998-200624 19980227
DT Utility
FS APPLICATION
LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1546
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, R.sup.1 is C.sub.1-6alkyloxy, C.sub.2-6alkenyloxy or C.sub.2-6alkynyl-oxy; R.sup.2 is hydrogen, C.sub.1-6alkyl C.sub.1-6alkyloxy; R.sup.3 is hydrogen or halo; R.sup.4 is hydrogen or C.sub.1-6alkyl; R.sup.5 is hydrogen or C.sub.1-6alkyl; L is C.sub.3-6cycloalkyl, C.sub.5-6cycloalkanone, C.sub.2-6alkenyl, or L is a radical of formula-Alk-R.sup.6--, Alk-X--R.sup.7, --Alk-Y--C(.dbd.O)--R.sup.9, or --Alk-Y--C(.dbd.O)--NR.sup.11R.sup.12 wherein each Alk is C.sub.1-12alkanediyl; and R.sup.6 is hydrogen, cyano, C.sub.1-6alkylsulfonylamino, C.sub.3-6cycloalkyl, C.sub.5-6cyclo-alkanone, or a heterocyclic ringsystem; R.sup.7 is hydrogen, C.sub.1-6alkyl, hydroxyC.sub.1-6alkyl, C.sub.3-6cycloalkyl, or a heterocyclic ringsystem; X is O, S, SO.sub.2 or NR.sup.8; said R.sup.8 being hydrogen or C.sub.1-6alkyl; R.sup.9 is hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, C.sub.1-6alkyloxy or hydroxy; Y is NR.sup.10 or a direct bond; said R.sup.10 being hydrogen, or C.sub.1-6alkyl; R.sup.11 and R.sup.12 each independently are hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, or R.sup.11 and R.sup.12 combined with the nitrogen atom may form an optionally substituted pyrrolidinyl, piperidinyl,

piperazinyl or 4-morpholinyl ring. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impairment of gastric emptying.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 5 OF 51 USPATFULL
AN 2003:96092 USPATFULL
TI 4-(aminomethyl)-piperidine benzamides for treating gastrointestinal disorders
IN Bosmans, Jean-Paul Rene Marie Andre, Rijkevorsel, BELGIUM
Meulemans, Ann Louise Gabrielle, Mol, BELGIUM
De Cleyn, Michel Anna Jozef, Mekrplas, BELGIUM
Gijsen, Henricus Jacobus Maria, Breda, NETHERLANDS
PA Janssen Pharmaceutica, N.V., BELGIUM (non-U.S. corporation)
PI US 6544997 B1 20030408
WO 2000037461 20000629
AI US 2001-857905 20010608 (9)
WO 1999-EP10064 19991214
20010608 PCT 371 date
PRAI EP 1998-204411 19981222
DT Utility
FS GRANTED
EXNAM Primary Examiner: Shah, Mukund J.; Assistant Examiner: Liu, Hong
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 1644
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, --R.sup.1--R.sup.2-- is a bivalent radical of formula wherein in said bivalent radicals one or two hydrogen atoms may be substituted with C.sub.1-6alkyl or hydroxy; R.sup.3 is hydrogen or halo; R.sup.4 is hydrogen or C.sub.1-6alkyl; R.sup.5 is hydrogen or C.sub.1-6alkyl; L is C.sub.3-6cycloalkyl, oxoC.sub.5-6cycloalkyl, C.sub.2-6alkenyl, or L is a radical of formula --Alk--R.sup.6--, Alk--X--R.sup.7, --Alk--Y--C(.dbd.O)--R.sup.9, or --Alk--Y--C(.dbd.O)--NR.sup.11R.sup.12 wherein each Alk is C.sub.1-12alkanediyl; and R.sup.6 is hydrogen, amino, cyano, C.sub.1-6alkylsulfonylamino, C.sub.3-6cycloalkyl, oxoC.sub.5-6cycloalkyl, aryl or a heterocyclic ringsystem; R.sup.7 is hydrogen, C.sub.1-6alkyl, hydroxyC.sub.1-6alkyl, C.sub.3-6cycloalkyl, aryl or a heterocyclic ringsystem; X is O, S, SO.sub.2 or NR.sup.8; said R.sup.8 being hydrogen or C.sub.1-6alkyl; R.sup.9 is hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, C.sub.1-6alkyloxy, hydroxy or aryl; Y is a direct bond or NR.sup.10; said R.sup.10 being hydrogen, or C.sub.1-6alkyl; R.sup.11 and R.sup.12 each independently are hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, or R.sup.11 and R.sup.12 combined with the nitrogen atom may form an optionally substituted pyrrolidinyl, piperidinyl, piperazinyl or 4-morpholinyl ring. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating or preventing gastrointestinal disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 6 OF 51 USPATFULL
AN 2002:332736 USPATFULL
TI (Benzodioxan, benzofuran or benzopyran) derivatives having fundic relaxation properties
IN Wigerinck, Piet Tom Bert Paul, Vosselaar, BELGIUM

[redacted]

Verschueren, Wim Gaston, Berchem, BELGIUM
Schroven, Marc Francis Josephine, Wiekevorst, BELGIUM
De Bruyn, Marcel Frans Leopold, Wortel, BELGIUM
PA Janssen Pharmaceutica, N.V., Beerse, BELGIUM (non-U.S. corporation)
PI US 6495547 B1 20021217
AI US 2000-641485 20000818 (9)
RLI Division of Ser. No. US 1998-192686, filed on 16 Nov 1998, now patented, Pat. No. US 6133277
PRAI EP 1997-203808 19971205
DT Utility
FS GRANTED
EXNAM Primary Examiner: Berch, Mark L.; Assistant Examiner: Habte, Kahsay
CLMN Number of Claims: 12
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 1342
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, wherein Alk.sup.1 is C.sub.1-6alkanediyl optionally substituted with hydroxy, C.sub.1-4alkyloxy or C.sub.1-4alkylcarbonyloxy; --Z.sup.1--Z.sup.2-- is a bivalent radical; R.sup.1, R.sup.2 and R.sup.3 are each independently selected from hydrogen, C.sub.1-6alkyl, hydroxy, halo and the like; or when R.sup.1 and R.sup.2 are on adjacent carbon atoms, R.sub.1 and R.sup.2 taken together may form a bivalent radical; R.sup.4 is hydrogen or C.sub.1-6alkyl; A is a bivalent radical of formula --NR.sup.6--Alk.sup.2-- (b-1), or --Npiperidinyl-(CH.sub.2).sub.m (b-2) wherein m is 0 or 1; R.sup.5 is a radical of formula ##STR2##

wherein n is 1 or 2; p.sup.1 is 0, and p.sub.2 is 1 or 2; or p.sup.1 is 1 or 2, and p.sup.2 is 0; X is oxygen. sulfur or .dbd.NR.sup.9; Y is oxygen or sulfur; R.sup.7 is hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, phenyl or phenylmethyl; R.sup.8 is C.sub.1-6alkyl, C.sub.3-6cycloalkyl phenyl or phenylmethyl; R.sup.9 is cyano, C.sub.1-6alkyl, C.sub.3-6cyclo-alkyl, C.sub.1-6alkyloxycarbonyl or aminocarbonyl; R.sup.10 is hydrogen or C.sub.1-6alkyl; and Q is a bivalent radical. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impaired fundic relaxation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 7 OF 51 USPATFULL
AN 2002:308396 USPATFULL
TI Pharmaceutical compositions comprising norastemizole
IN Redmon, Martin P., Oxford, MA, UNITED STATES
Butler, Hal T., Marlborough, MA, UNITED STATES
Wald, Stephen A., Sudbury, MA, UNITED STATES
PI US 2002173522 A1 20021121
AI US 2002-75616 A1 20020215 (10)
RLI Continuation-in-part of Ser. No. US 2000-719843, filed on 21 Nov 2000, ABANDONED A 371 of International Ser. No. WO 1998-US5701, filed on 25 Mar 1998, UNKNOWN Continuation-in-part of Ser. No. US 1997-851786, filed on 6 May 1997, ABANDONED Continuation-in-part of Ser. No. US 1997-824477, filed on 26 Mar 1997, ABANDONED Continuation-in-part of Ser. No. US 2000-721711, filed on 27 Nov 2000, ABANDONED Continuation-in-part of Ser. No. US 1997-851786, filed on 6 May 1997, ABANDONED Continuation-in-part of Ser. No. US 1997-824477, filed on 26 Mar 1997, ABANDONED
DT Utility
FS APPLICATION

LREP PENNIE & EDMONDS LLP, 1667 K STREET NW, SUITE 1000, WASHINGTON, DC, 20006
CLMN Number of Claims: 40
ECL Exemplary Claim: 1
DRWN 2 Drawing Page(s)
LN.CNT 1736
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to chemically stable pharmaceutical formulations of the potent antihistamine, norastemizole. The compositions can include norastemizole, or a pharmaceutically acceptable salt thereof; a diluent; a binder; a disintegrant; and a lubricant or the compositions can include particles of norastemizole, or a pharmaceutically acceptable salt thereof, coated with an inert coating and a pharmaceutically acceptable excipient. The present invention also relates to methods of treating allergic disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 8 OF 51 USPATFULL
AN 2002:239176 USPATFULL
TI Gastrokinetic monocyclic benzamides of 3- or 4-substituted 4-(aminomethyl)-piperidine derivatives
IN Bosmans, Jean-Paul Rene Marie Andre, Rijkevorsel, BELGIUM
De Cleyn, Michel Anna Jozef, Merksplas, BELGIUM
Surkyn, Michel, Turnhout, BELGIUM
PA Janssen Pharmaceutica N.V., Beerse, BELGIUM (non-U.S. corporation)
PI US 6452013 B1 20020917
WO 9902494 19990121
AI US 2000-462287 20000105 (9)
WO 1998-EP4189 19980707
20000105 PCT 371 date
PRAI EP 1997-202180 19970711
EP 1998-200624 19980227
DT Utility
FS GRANTED
EXNAM Primary Examiner: Raymond, Richard L.; Assistant Examiner: Patel, Sudhaker B.
LREP Coletti, Ellen Ciambrone
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 1482
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, R.sup.1 is C.sub.1-6alkyloxy, C.sub.2-6alkenyloxy or C.sub.2-6alkynyl-oxy; R.sup.2 is hydrogen, C.sub.1-6alkyl C.sub.1-6alkyloxy; R.sup.3 is hydrogen or halo; R.sup.4 is hydrogen or C.sub.1-6alkyl; R.sup.5 is hydrogen or C.sub.1-6alkyl; L is C.sub.3-6cycloalkyl, C.sub.5-6cycloalkanone, C.sub.2-6alkenyl, or L is a radical of formula --Alk--R.sup.6--, Alk--X--R.sup.7, -Alk-Y--C(.dbd.O)--R.sup.9, or -Alk-Y--C(.dbd.O)--NR.sup.11R.sup.12 wherein each Alk is C.sub.1-12alkanediyl; and R.sup.6 is hydrogen, cyano, C.sub.1-6alkylsulfonylamino, C.sub.3-6cycloalkyl, C.sub.5-6cycloalkanone, or a heterocyclic ringsystem; R.sup.7 is hydrogen, C.sub.1-6alkyl, hydroxyC.sub.1-6alkyl, C.sub.3-6cycloalkyl, or a heterocyclic ringsystem; X is O, S, SO.sub.2 or NR.sup.8; said R.sup.8 being hydrogen or C.sub.1-6alkyl; R.sup.9 is hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, C.sub.1-6alkyloxy or hydroxy; Y is NR.sup.10 or a direct bond; said R.sup.10 being hydrogen, or C.sub.1-6alkyl; R.sup.11 and R.sup.12 each independently are hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, or R.sup.11 and R.sup.12 combined with the nitrogen atom may form an optionally substituted pyrrolidinyl, piperidinyl,

piperazinyl or 4-morpholinyl ring. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impairment of gastric emptying.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 9 OF 51 USPATFULL
AN 2002:239023 USPATFULL
TI S-oxide lipid lowering compounds
IN Janssen, Cornelus Gerardus Maria, Vosselaar, BELGIUM
Roevens, Peter Walter Maria, Malle, BELGIUM
Thijssen, Jozef Bertha August, Kasterlee, BELGIUM
PA Janssen Pharmaceutica N.V., Beerse, BELGIUM (non-U.S. corporation)
PI US 6451802 B1 20020917
WO 2000037463 20000629
AI US 2001-857838 20010608 (9)
WO 1999-EP10065 19991214
20010608 PCT 371 date
PRAI EP 1998-204410 19981222
DT Utility
FS GRANTED
EXNAM Primary Examiner: Bernhardt, Emily
LREP Coletti, Ellen Ciambrone
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 967
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compounds of formula (I) ##STR1##

the N-oxides, the stereochemically isomeric forms thereof, and the pharmaceutically acceptable acid addition salts, wherein n is 1 or 2, R.sup.1 is hydrogen, C.sub.1-6alkyl or halo; R.sup.2 is hydrogen or halo; R.sup.3 is C.sub.1-8alkyl or C.sub.3-6cycloalkyl; Hetis an optionally substituted triazole, imidazole, or thiazole; and --A--B-- is a bivalent radical of formula --CH.dbd.CH--, --N.dbd.CH--, --CH.dbd.N--, wherein optionally one of the hydrogen atoms is replaced by C.sub.1-4alkyl; having apolipoprotein B inhibiting activity and concomitant lipid lowering activity. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating disorders caused by an excess of very low density lipoproteins (VLDL) or low density lipoproteins (LDL), and especially disorders caused by the cholesterol associated with said VLDL and LDL, such as, for example, hyperlipidemia, obesitas or atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 10 OF 51 USPATFULL
AN 2002:221101 USPATFULL
TI Milk-added coffee beverage
IN Yokoo, Yoshiaki, Osaka, JAPAN
Shibuya, Katsushi, Kyoto, JAPAN
Hino, Yoshiko, Osaka, JAPAN
Onishi, Tatsuji, Osaka, JAPAN
Murakami, Katsushi, Osaka, JAPAN
PI US 2002119236 A1 20020829
AI US 2001-21434 A1 20011219 (10)
PRAI JP 2000-390632 20001222
DT Utility
FS APPLICATION
LREP NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA, 22201-4714

CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN 2 Drawing Page(s)
LN.CNT 698
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention provides an economical process for producing a milk-added coffee beverage with an enhanced flavor in a process for producing a milk-added coffee beverage produced through a step of heat sterilization of coffee and milk component as the main raw materials; comprising adding a strongly basic substance and/or basic amino acid to coffee component and conducting the heat sterilization after milk component is admixed to the coffee component; whereby coagulation at the step of admixing milk component is prevented and precipitation which tends to arise after the heat sterilization is prevented with the use of much smaller amount of emulsifier and thickening agent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 11 OF 51 USPATFULL
AN 2002:221081 USPATFULL
TI Coated chewing gum products containing an antigas agent
IN Zyck, Daniel J., North Riverside, IL, UNITED STATES
Greenberg, Michael J., Northbrook, IL, UNITED STATES
Barkalow, David G., Deerfield, IL, UNITED STATES
Marske, Scott W., LaGrange, IL, UNITED STATES
Schnell, Philip G., Downers Grove, IL, UNITED STATES
Mazzone, Philip, Griffith, IN, UNITED STATES
Hammond, John E., Crete, IL, UNITED STATES
Witkewitz, David L., Bridgeview, IL, UNITED STATES
Sitler, Daniel J., Woodridge, IL, UNITED STATES
Petrocelli, Raynold M., Chicago, IL, UNITED STATES
PI US 2002119216 A1 20020829
AI US 2000-747300 A1 20001222 (9)
DT Utility
FS APPLICATION
LREP BRINKS HOFER GILSON & LIONE, P.O. BOX 10395, CHICAGO, IL, 60610
CLMN Number of Claims: 37
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 983
AB A method of making coated chewing gum products containing an antigas agent comprises the steps of providing chewing gum cores; providing a coating comprising a bulk sweetener; providing an antigas agent; and applying the antigas agent and coating syrup to the cores and drying the syrup to produce a coating on the cores.

L9 ANSWER 12 OF 51 USPATFULL
AN 2002:165249 USPATFULL
TI Bicyclic benzamides of 3- or 4-substituted 4-(aminomethyl)-piperidine derivatives
IN Bosmans, Jean-Paul Rene Marie Andre, Rijkevorsel, BELGIUM
De Cleyn, Michel Anna Jozef, Merksplas, BELGIUM
Surkyn, Michel, Kessel-lo, BELGIUM
PI US 2002086879 A1 20020704
AI US 2001-791227 A1 20010222 (9)
RLI Continuation of Ser. No. US 1999-349912, filed on 8 Jul 1999, ABANDONED
PRAI EP 1997-202180 19970711
EP 1998-200624 19980227
DT Utility
FS APPLICATION
LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003
CLMN Number of Claims: 12

ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1610
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, R.sup.1 and R.sup.2 taken together form a bivalent radical of formula wherein in said bivalent radicals one or two hydrogen atoms may be substituted with C.sub.1-6alkyl; R.sup.3 is hydrogen or halo; R.sup.4 is hydrogen or C.sub.1-6alkyl; R.sup.5 is hydrogen or C.sub.1-6alkyl; L is C.sub.3-6cycloalkyl, C.sub.5-6cycloalkanone, C.sub.2-6alkenyl, or L is a radical of formula --Alk--R.sup.6--, Alk--X--R.sup.7, --Alk--Y--C(.dbd.O)--R.sup.9, or --Alk--Y--C(.dbd.O)-- NR.sup.11R.sup.12 wherein each Alk is C.sub.1-12alkanediyl; and R.sup.6 is hydrogen, cyano, C.sub.1-6alkylsulfonylamino, C.sub.3-6cycloalkyl, C.sub.5-6cycloalkanone, or a heterocyclic ringsystem; R.sup.7 is hydrogen, C.sub.1-6alkyl, hydroxyC.sub.1-6alkyl, C.sub.3-6cycloalkyl, or a heterocyclic ringsystem; X is O, SO.sub.2 or NR.sup.8; said R.sup.8 being hydrogen or C.sub.1-6alkyl; R.sup.9 is hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, C.sub.1-6alkyloxy or hydroxy; Y is NR.sup.10 or a direct bond; said R.sup.10 being hydrogen, or C.sub.1-6alkyl; R.sup.11 and R.sup.12 each independently are hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, or R.sup.11 and R.sup.12 combined with the nitrogen atom may form an optionally substituted pyrrolidinyl, piperidinyl, piperazinyl or 4-morpholinyl ring. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impairment of gastric emptying.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 13 OF 51 USPATFULL
AN 2002:119902 USPATFULL
TI Angiogenesis inhibiting 5-substituted-1,2,4,-thiadiazolyl derivatives
IN Stokbroekx, Raymond Antoine, Beerse, BELGIUM
Ceusters, Marc Andre, Diest, BELGIUM
Van der Aa, Marcel Jozef Maria, Turnhout, BELGIUM
Luyckx, Marcel Gerebernus Maria, Geel, BELGIUM
Willems, Marc, Vosselaar, BELGIUM
Tuman, Robert W., Chalfont, PA, UNITED STATES
PI US 2002061890 A1 20020523
AI US 2001-998975 A1 20011119 (9)
RLI Continuation of Ser. No. US 2000-446591, filed on 21 Apr 2000, PENDING
PRAI EP 1997-201931 19970624
US 1997-53003P 19970710 (60)
DT Utility
FS APPLICATION
LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003
CLMN Number of Claims: 12
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 670
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention concerns compounds of formula ##STR1##

the N-oxide forms, the pharmaceutically acceptable acid addition salts and stereochemically isomeric forms thereof, wherein X is CH or N; R.sup.1 is hydrogen, C.sub.1-6alkyl, C.sub.1-6alkyloxy, C.sub.1-6alkylthio, amino, mono- or di(C.sub.1-6alkyl)amino, Ar.sup.1, Ar.sup.1NH--, C.sub.3-6cycloalkyl, hydroxymethyl or benzyloxymethyl; R.sup.2 is hydrogen, C.sub.1-6alkyl, amino, aminocarbonyl, mono- or

di(C.sub.1-6alkyl)amino, C.sub.1-6alkyloxycarbonyl, C.sub.1-6alkylcarbonylamino, hydroxy or C.sub.1-6alkyloxy; R.sup.3, R.sup.4 and R.sup.5 are each independently selected from hydrogen, halo, C.sub.1-6alkyl, C.sub.1-6alkyloxy, trifluoromethyl, nitro, amino, cyano, azido, C.sub.1-6alkyloxyC.sub.1-6alkyl, C.sub.1-6alkylthio, C.sub.1-6alkyloxycarbonyl or Het.sup.1; ##STR2##

is Ar.sup.2, Ar.sup.2CH.sub.2-- or Het.sup.2; Ar.sup.1 and Ar.sup.2 optionally substituted phenyl; Het.sup.1 and Het.sup.2 are optionally substituted monocyclic heterocycles; having angiogenesis inhibiting activity; their preparation, compositions containing them and their use as a medicine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 14 OF 51 USPATFULL
AN 2002:61448 USPATFULL
TI **Extractive** solution **crystallization** of chemical compounds
IN Fontenot, Kevin J., Kingsport, TN, UNITED STATES
PI US 2002035284 A1 20020321
US 6500973 B2 20021231
AI US 2001-870988 A1 20010601 (9)
PRAI US 2000-208565P 20000602 (60)
DT Utility
FS APPLICATION
LREP MORGAN, LEWIS & BOCKIUS, 1800 M STREET NW, WASHINGTON, DC, 20036-5869
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN 3 Drawing Page(s)
LN.CNT 1149
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process for the **purification** and isolation of a chemical compound, by **extractive** solution **crystallization**. The process comprises combining in any order a first solvent, a second solvent, and a mixture comprising a chemical compound with at least one impurity. The second solvent phase **extracts** impurities out of the first solvent, and keeps the impurities dissolved to avoid their co-**crystallization** with the phenyl ester salt. Once the chemical compound has **crystallized** out of solution, it is collected, washed and/or dried. The second solvent may be added after the mixture containing at least one chemical compound is dissolved in a first solvent, as long as the second solvent phase is added prior to the end of **crystallization**. Advantageously, this invention combines the previously distinct steps of **extraction** and **crystallization** in one unit operation. The process may be used with a variety of chemical compounds particularly, phenyl ester salts, including but not limited to sodium 4-sulfophenyl-6-[(1-oxynonyl)amino] hexanoate, sodium 4-(nonanoyloxy) benzenesulfonate, and sodium benzoyloxybenzenesulphonate.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 15 OF 51 USPATFULL
AN 2001:218509 USPATFULL
TI Angiogenesis inhibiting thiadiazolyl pyridazine derivatives
IN Stokbroekx, Raymond Antoine, Beerse, Belgium
Ceusters, Marc Andre, Diest, Belgium
Van der Aa, Marcel Jozef Maria, Turnhout, Belgium
Luyckx, Marcel Gerebernus Maria, Geel, Belgium
Willems, Marc, Vosselaar, Belgium
Tuman, Robert W., Chalfont, PA, United States
PI US 2001046999 A1 20011129
AI US 2001-864594 A1 20010524 (9)

RLI Continuation of Ser. No. US 2000-446495, filed on 14 Aug 2000, GRANTED, Pat. No. US 6265407 A 371 of International Ser. No. WO 1998-EP4021, filed on 22 Jun 1998, UNKNOWN
PRAI EP 1997-201930 19970624
US 1997-52194P 19970710 (60)
DT Utility
FS APPLICATION
LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1115
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention concerns compounds of formula ##STR1##

the N-oxide forms, the pharmaceutically acceptable acid addition salts and stereochemically isomeric forms thereof, wherein R.sup.1 is hydrogen, C.sub.1-6alkyl, C.sub.1-6alkyloxy, C.sub.1-6alkylthio, amino, mono- or di(C.sub.1-6alkyl)amino, Ar.sup.1, Ar.sup.1-NH-, C.sub.3-6cycloalkyl, hydroxymethyl or benzyloxymethyl; R.sup.2 and R.sup.3 are hydrogen, or taken together may form a bivalent radical of formula -CH=CH-CH=CH-; R.sup.4, R.sup.5 and R.sup.6 are each independently selected from hydrogen, halo, C.sub.1-6alkyl, C.sub.1-6alkyloxy, trifluoromethyl, nitro, amino, cyano, azido, C.sub.1-6alkyloxyC.sub.1-6alkyl, C.sub.1-6alkylthio, C.sub.1-6alkyloxycarbonyl or Het.sup.1; or when R.sup.4 and R.sup.5 are adjacent to each other they may be taken together to form a radical of formula -CH=CH-CH=CH-; A is a bivalent radical of formula NR.sup.7, NR.sup.7-Alk.sup.1-X-, NR.sup.7-Alk.sup.1-X-Alk.sup.2-, O-Alk.sup.1-X-, O-Alk.sup.1-X-Alk.sup.2- or S-Alk.sup.1-X-; wherein X is a direct bond, -O-, -S-, C=O, -NR.sup.8- or Het.sup.2; R.sup.7 is hydrogen, C.sub.1-6alkyl or Ar.sup.2methyl; R.sup.8 is hydrogen, C.sub.1-6alkyl or Ar.sup.2methyl; Alk.sup.1 is C.sub.1-6alkanediyl; Alk.sup.2 is C.sub.1-4alkanediyl; Ar.sup.1 and Ar.sup.2 are optionally substituted phenyl; phenyl; Het.sup.1 and Het.sup.2 are optionally substituted heterocycles; having angiogenesis inhibiting activity; their preparation, compositions containing them and their use as a medicine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 16 OF 51 USPATFULL
AN 2001:155472 USPATFULL
TI Coated chewing gum products containing various antacids
IN Zyck, Daniel J., North Riverside, IL, United States
Greenberg, Michael J., Northbrook, IL, United States
Barkalow, David G., Deerfield, IL, United States
Marske, Scott W., LaGrange, IL, United States
Schnell, Philip G., Downers Grove, IL, United States
Mazzone, Philip, Griffith, IN, United States
PI US 2001021403 A1 20010913
AI US 2000-747323 A1 20001222 (9)
RLI Continuation-in-part of Ser. No. US 2000-552290, filed on 19 Apr 2000, PENDING Continuation of Ser. No. US 1999-389211, filed on 2 Sep 1999, ABANDONED
DT Utility
FS APPLICATION
LREP BRINKS HOFER GILSON & LIONE, P.O. BOX 10395, CHICAGO, IL, 60610
CLMN Number of Claims: 33
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1048
AB A method of making antacid coated chewing gum products comprises the steps of providing chewing gum cores; providing a coating syrup

comprising a bulk sweetener and a neutralizing antacid suspended in the coating syrup, the coating syrup containing from about 25% to about 50% by weight of the solids in the syrup of a neutralizing antacid, selected from the group consisting of aluminum salts, bismuth salts, magnesium salts, sodium bicarbonate, potassium bicarbonate, potassium citrate, sodium potassium tartrate, tricalcium phosphate and mixtures thereof, and applying the coating syrup to the cores and drying the syrup to produce a coating on the cores. Methods of use of the product to provide relief in the gastrointestinal tract are also included.

L9 ANSWER 17 OF 51 USPATFULL
AN 2001:155442 USPATFULL
TI Coated chewing gum products containing an acid blocker
IN Zyck, Daniel J., North Riverside, IL, United States
Greenberg, Michael J., Northbrook, IL, United States
Barkalow, David G., Deerfield, IL, United States
Marske, Scott W., LaGrange, IL, United States
Schnell, Philip G., Downers Grove, IL, United States
Mazzone, Philip, Griffith, IN, United States
Witkewitz, David L., Bridgeview, IL, United States
PI US 2001021373 A1 20010913
US 6541048 B2 20030401
AI US 2000-748699 A1 20001222 (9)
RLI Continuation-in-part of Ser. No. US 2000-552290, filed on 19 Apr 2000, PENDING Continuation of Ser. No. US 1999-389211, filed on 2 Sep 1999, ABANDONED
DT Utility
FS APPLICATION
LREP BRINKS HOFER GILSON & LIONE, P.O. BOX 10395, CHICAGO, IL, 60610
CLMN Number of Claims: 42
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1018
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method of making coated chewing gum products containing an acid blocker comprises the steps of providing chewing gum cores; providing a coating syrup comprising a bulk sweetener, providing an acid blocker, applying the coating syrup and acid blocker to the cores and drying the syrup to produce a coating on the cores, the coating containing the acid blocker.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 18 OF 51 USPATFULL
AN 2001:117013 USPATFULL
TI Angiogenesis inhibiting thiadiazolyl pyridazine derivatives
IN Stokbroekx, Raymond Antoine, Beerse, Belgium
Ceusters, Marc Andre, Diest, Belgium
Van der Aa, Marcel Jozef Maria, Turnhout, Belgium
Luyckx, Marcel Gerebernus Maria, Geel, Belgium
Willems, Marc, Vosselaar, Belgium
Tuman, Robert W., Chalfont, PA, United States
PA Janssen Pharmaceutica N.V., Belgium (non-U.S. corporation)
PI US 6265407 B1 20010724
WO 9858929 19981230
AI US 2000-446495 20000814 (9)
WO 1998-EP4021 19980622
20000814 PCT 371 date
20000814 PCT 102(e) date
PRAI EP 1997-201930 19970624
US 1997-52194P 19970710 (60)
DT Utility
FS GRANTED

EXNAM Primary Examiner: Bernhardt, Emily
CLMN Number of Claims: 7
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1083
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention concerns compounds of formula ##STR1##

the N-oxide forms, the pharmaceutically acceptable acid addition salts and stereochemically isomeric forms thereof, wherein R.sup.1 is hydrogen, C.sub.1-6 alkyl, C.sub.1-6 alkyloxy, C.sub.1-6 alkylthio, amino, mono- or di(C.sub.1-6 alkyl)amino, Ar.sup.1, Ar.sup.1 --NH--, C.sub.3-6 cycloalkyl, hydroxymethyl or benzyloxymethyl; R.sup.2 and R.sup.3 are hydrogen, or taken together may form a bivalent radical of formula --CH.dbd.CH--CH.dbd.CH--; R.sup.4, R.sup.5 and R.sup.6 are each independently selected from hydrogen, halo, C.sub.1-6 alkyl, C.sub.1-6 alkyloxy, trifluoromethyl, nitro, amino, cyano, azido, C.sub.1-6 alkyloxyC.sub.1-6 alkyl, C.sub.1-6 alkylthio, C.sub.1-6 alkyloxycarbonyl or Het.sup.1 ; or when R.sup.4 and R.sup.5 are adjacent to each other they may be taken together to form a radical of formula --CH.dbd.CH--CH.dbd.CH--; A is a bivalent radical of formula NR.sup.7, NR.sup.7 --Alk.sup.1 --X--, NR.sup.7 --Alk.sup.1 --X--Alk.sup.2 --, O--Alk.sup.1 --X--, O--Alk.sup.1 --X--Alk.sup.2 -- or S--Alk.sup.1 --X--; wherein X is a direct bond, --O--, --S--, C.dbd.O, --NR.sup.8 -- or Het.sup.2 ; R.sup.7 is hydrogen, C.sub.1-6 alkyl or Ar.sup.2 methyl; R.sup.8 is hydrogen, C.sub.1-6 alkyl or Ar.sup.2 methyl; Alk.sup.1 is C.sub.1-6 alkanediyl; Alk.sup.2 is C.sub.1-4 alkanediyl; Ar.sup.1 and Ar.sup.2 are optionally substituted phenyl; phenyl; Het.sup.1 and Het.sup.2 are optionally substituted heterocycles; having angiogenesis inhibiting activity; their preparation, compositions containing them and their use as a medicine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 19 OF 51 USPATFULL
AN 2000:138363 USPATFULL
TI (Benzodioxan, benzofuran or benzopyran) derivatives having fundic relaxation properties
IN Wigerinck, Piet Tom Bert Paul, Vosselaar, Belgium
Verschueren, Wim Gaston, Berchem, Belgium
Schroven, Marc Francis Josephine, Wiekevorst, Belgium
De Bruyn, Marcel Frans Leopold, Wortel, Belgium
PA Janssen Pharmaceutica N.V., Beerse, Belgium (non-U.S. corporation)
PI US 6133277 20001017
AI US 1998-192686 19981116 (9)
PRAI EP 1997-203808 19971205
DT Utility
FS Granted
EXNAM Primary Examiner: Shah, Mukund J.; Assistant Examiner: Schroeder, Ben
LREP Coletti, Ellen Ciambrone
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1422
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention of compounds of formula (I) a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, wherein Alk.sup.1 is C.sub.1-6 alkanediyl optionally substituted with hydroxy, C.sub.1-4 alkyloxy or C.sub.1-4 alkylcarbonyloxy; --Z.sup.1 --Z.sup.2 -- is a bivalent radical; R.sup.1, R.sup.2 and R.sup.3 are each independently selected from hydrogen, C.sub.1-6 alkyl, hydroxy, halo and the like; or when R.sup.1 and R.sup.2 are on adjacent carbon atoms, R.sup.1 and R.sup.2 taken together may form a bivalent radical; R.sup.4 is hydrogen or

C.sub.1-6 alkyl; A is a bivalent radical of formula --NR.sup.6 --Alk.sup.2 -- (b-1), or --Npiperidinyl--(CH.sub.2).sub.m (b-2) wherein m is 0 or 1; R.sup.5 is a radical of formula ##STR1## wherein n is 1 or 2; p.sup.1 is 0, and p.sup.2 is 1 or 2; or p.sup.1 is 1 or 2, and p.sup.2 is 0; X is oxygen, sulfur or .dbd.NR.sup.9 ; Y is oxygen or sulfur; R.sup.7 is hydrogen, C.sub.1-6 alkyl, C.sub.3-6 cycloalkyl, phenyl or phenylmethyl; R.sup.8 is C.sub.1-6 alkyl, C.sub.3-6 cycloalkyl phenyl or phenylmethyl; R.sup.9 is cyano, C.sub.1-6 alkyl, C.sub.3-6 cyclo-alkyl, C.sub.1-6 alkyloxycarbonyl or aminocarbonyl; R.sup.10 is hydrogen or C.sub.1-6 alkyl; and Q is a bivalent radical. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impaired fundic relaxation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 20 OF 51 USPATFULL
AN 2000:12465 USPATFULL
TI Delivery of controlled-release system(s)
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 6020002 20000201
AI US 1997-967248 19971105 (8)
RLI Continuation of Ser. No. US 1996-698954, filed on 16 Aug 1996, now abandoned which is a division of Ser. No. US 1994-334729, filed on 4 Nov 1994, now patented, Pat. No. US 5567439 which is a continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned And Ser. No. US 1994-259258, filed on 14 Jun 1994
DT Utility
FS Granted
EXNAM Primary Examiner: Harrison, Robert H.
LREP Nolan, Sandra M.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1138
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method and a dosage unit for delivery of a controlled-release system. The dosage unit is a quick dissolve unit which can be prepared by mixing uncured shearform matrix and a controlled-release system, either molding or compacting a unit dosage form and curing the shearform matrix. The controlled-release systems used in the present invention include instantaneous release components, delayed release components, sustained release components, and combinations thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 21 OF 51 USPATFULL
AN 1999:170241 USPATFULL
TI Use of 1,4-anhydroglucitol/galactitol in low calorie food products, and a method of preparing 1,4-anhydro-dl-galactitol
IN Hendrick, deceased, Michael E., late of Groton, CT, United States by Martha S. Hendrick, executor
Morton, Barry J., Gales Ferry, CT, United States
Rafka, Robert J., Noank, CT, United States
PA Cultor Ltd., Helsinki, Finland (non-U.S. corporation)
PI US 6007848 19991228
WO 9608976 19960328
AI US 1997-809674 19970714 (8)
WO 1995-IB308 19950428
19970715 PCT 371 date

19970715 PCT 102(e) date
RLI Continuation of Ser. No. US 1994-311087, filed on 23 Sep 1994, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Pratt, Helen
CLMN Number of Claims: 22
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 544
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Low calorie food products that contain highly crystalline bulking agents that impart improved texture and mouthfeel to the food products are described. The food products contain 1,4-anhydroglucitol or 1,4-anhydrogalactitol and a food ingredient. A method of preparing 1,4-anhydro-DL-galactitol comprising heating galactitol in a **water**-immiscible, high-boiling, reaction-inert medium in the presence of a mineral acid is also described.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 22 OF 51 USPATFULL
AN 1999:137496 USPATFULL
TI Chromatographic **purification** of **chlorinated** sucrose
IN Catani, Steven J., Athens, GA, United States
Leinhos, Duane A., Athens, GA, United States
O'Connor, Thomas, Athens, GA, United States
PA McNeil-PPC, Inc., Skillman, NJ, United States (U.S. corporation)
PI US 5977349 19991102
AI US 1998-22071 19980211 (9)
PRAI US 1997-46980P 19970213 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Wilson, James O.
LREP Coletti, Ellen Ciambrone
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN 13 Drawing Figure(s); 9 Drawing Page(s)
LN.CNT 452
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process for **separating**, in the liquid phase, a reaction mixture which comprises a first **chlorinated** sucrose and at least one additional component selected from the group consisting of at least one other **chlorinated** sucrose different from said first **chlorinated** sucrose, salt and solvent, by injecting said reaction mixture onto a fixed bed of solid adsorbent and treating with a desorbent such that:

(a) the first **chlorinated** sucrose passes through the adsorbent into a first recoverable product stream rich in said first **chlorinated** sucrose at a rate, which is different than the rate at which,

(b) at least one of said additional components passes through the adsorbent into at least a second recoverable stream rich in said additional component.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 23 OF 51 USPATFULL
AN 1999:124499 USPATFULL
TI Process for forming chewable quickly dispersing multi-vitamin preparation and product therefrom
IN Fuisz, Richard C., McLean, VA, United States

[redacted]

Cherukuri, Subraman R., Vienna, VA, United States
Kota, Suresh B., Cupertino, CA, United States
Stewart, James L., Arlington, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5965162 19991012
AI US 1998-100531 19980619 (9)
RLI Continuation-in-part of Ser. No. US 1998-97999, filed on 16 Jun 1998 which is a continuation-in-part of Ser. No. US 1994-259258, filed on 14 Jun 1994 which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And a continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, S.
LREP Levis, John F.
CLMN Number of Claims: 19
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 935
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A composition and method for preparing multi-vitamin comestible units which disperse quickly in the mouth, especially when chewed, includes initiating **crystallization** of shearform matrix with **crystallization**/binding promoter and combining with an additive to form flowable, compactible micro-particulates. The combination is then shaped to form a comestible unit having high structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 24 OF 51 USPATFULL
AN 1999:92319 USPATFULL
TI Process for forming chewable quickly dispersing comestible unit and product therefrom
IN Cherukuri, Subraman R., Vienna, VA, United States
Fuisz, Richard C., McLean, VA, United States
Sanghvi, Pradeepkumar P., Herndon, VA, United States
Misra, Tushar K., Leesburg, VA, United States
Sisak, John R., Fairfax, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5935600 19990810
AI US 1998-97999 19980616 (9)
RLI Continuation-in-part of Ser. No. US 1994-259258, filed on 14 Jun 1994 which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And a continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, S.
LREP Nolan, Sandra M.
CLMN Number of Claims: 16
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1014
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention deals with compositions and methods for preparing comestible units which disperse quickly in the mouth, especially when chewed. The present invention also includes the product made therefrom. The method includes initiating **crystallization** of shearform matrix with **crystallization**/bindig promoter and combining it with an additive to form flowable, compactible micro-particulates. The combination is then shaped to form a comestible unit having high

structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 25 OF 51 USPATFULL
AN 1999:48111 USPATFULL
TI Process for forming quickly dispersing comestible unit and product therefrom
IN Cherukuri, Subraman R., Towner, NJ, United States
Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5895664 19990420
AI US 1994-259258 19940614 (8)
RLI Continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, Sharon
LREP Nolan, Sandra M.
CLMN Number of Claims: 12
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1378
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method of preparing a comestible unit which disperses quickly in the mouth. The present invention also includes the product resulting from the method. The method includes initiating **crystallization** of shearform matrix and combining with an additive, either before or after initiating **crystallization**, to form flowable, compactible micro-particulates. The combination is then subjected to compacting to form a comestible unit having high structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 26 OF 51 USPATFULL
AN 1999:21766 USPATFULL
TI Apparatus for making rapidly-dissolving dosage units
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5871781 19990216
AI US 1996-772022 19961219 (8)
RLI Division of Ser. No. US 1996-652252, filed on 23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Ryan, Patrick; Assistant Examiner: Leyson, Joseph
LREP Nolan, Sandra M.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1083
AB The present invention involves an apparatus for making comestible units.

The comestible units made in accordance with the present invention can include active ingredients and are capable of dissolving in the mouth of the consumer within several seconds. They are particularly useful as antacids and as delivery vehicles for biologically active ingredients, especially those which are ideally combined with antacid ingredients.

L9 ANSWER 27 OF 51 USPATFULL
AN 1999:15522 USPATFULL
TI Process and apparatus for making rapidly dissolving dosage units and product therefrom
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5866163 19990202
AI US 1996-772023 19961219 (8)
RLI Division of Ser. No. US 1996-652252, filed on 23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And a continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Harrison, Robert H.
LREP Nolan, Sandra M.
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1085
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 28 OF 51 USPATFULL
AN 1998:162036 USPATFULL
TI Delivery of controlled-release system(s)
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd, Chantilly, VA, United States (U.S. corporation)
PI US 5853762 19981229
AI US 1996-698922 19960816 (8)
RLI Division of Ser. No. US 1994-334729, filed on 4 Nov 1994, now patented, Pat. No. US 5567439 which is a continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994 And a continuation-in-part of Ser. No. US 1994-259258, filed on 14 Jun 1994
DT Utility
FS Granted
EXNAM Primary Examiner: Harrison, Robert H.
LREP Nolan, Sandra M.
CLMN Number of Claims: 17
ECL Exemplary Claim: 1

DRWN No Drawings
LN.CNT 1146
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method and a dosage unit for delivery of a controlled-release system. The dosage unit is a quick dissolve unit which can be prepared by mixing uncured shearform matrix and a controlled-release system, either molding or compacting a unit dosage form and curing the shearform matrix. The controlled-release systems used in the present invention include instantaneous release components, delayed release components, sustained release components, and combinations thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 29 OF 51 USPATFULL
AN 1998:159490 USPATFULL
TI Process and apparatus for making rapidly dissolving dosage units and product therefrom
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies, Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5851553 19981222
AI US 1996-772024 19961219 (8)
RLI Continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551 76 Ser. No. US 1996-652252, filed on 23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416
DT Utility
FS Granted
EXNAM Primary Examiner: Harrison, Robert H.
LREP Nolan, Sandra M.
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1092
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 30 OF 51 USPATFULL
AN 1998:159489 USPATFULL
TI Delivery of controlled-release system(s)
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies, Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5851552 19981222
AI US 1996-698907 19960816 (8)
RLI Division of Ser. No. US 1994-334729, filed on 4 Nov 1994, now patented,

Pat. No. US 5567439 which is a continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned And Ser. No. US 1994-259258, filed on 14 Jun 1994
DT Utility
FS Granted
EXNAM Primary Examiner: Harrison, Robert H.
LREP Nolan, Sandra M.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1157
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method and a dosage unit for delivery of a controlled-release system. The dosage unit is a quick dissolve unit which can be prepared by mixing uncured shearform matrix and a controlled-release system, either molding or compacting a unit dosage form and curing the shearform matrix. The controlled-release systems used in the present invention include instantaneous release components, delayed release components, sustained release components, and combinations thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 31 OF 51 USPATFULL
AN 1998:33610 USPATFULL
TI Delivery of controlled-release system (s)
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5733577 19980331
AI US 1996-698906 19960816 (8)
RLI Division of Ser. No. US 1994-334729, filed on 4 Nov 1994, now patented, Pat. No. US 5567439 which is a continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-259258, filed on 14 Jun 1994, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Hulina, Amy
LREP Nolan, Sandra M., Schmidt, Richard D.
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1131
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method and a dosage unit for delivery of a controlled-release system. The dosage unit is a quick dissolve unit which can be prepared by mixing uncured shearform matrix and a controlled-release system, either molding or compacting a unit dosage form and curing the shearform matrix. The controlled-release systems used in the present invention include instantaneous release components, delayed release components, sustained release components, and combinations thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 32 OF 51 USPATFULL
AN 1998:27785 USPATFULL
TI Apparatus and process for strengthening low density compression dosage units and product therefrom
IN Battist, Gerald E., Reston, VA, United States
Bogue, B. Arlie, Broad Run, VA, United States
Myers, Garry L., Reston, VA, United States

PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5728400 19980317
AI US 1996-743221 19961105 (8)
RLI Division of Ser. No. US 1994-276244, filed on 18 Jul 1994, now patented, Pat. No. US 5616344 which is a continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned And Ser. No. US 1994-259258, filed on 14 Jun 1994
DT Utility
FS Granted
EXNAM Primary Examiner: Hulina, Amy
LREP Baron, Ronald J., Nolan, Sandra M.
CLMN Number of Claims: 8
ECL Exemplary Claim: 1
DRWN 19 Drawing Figure(s); 8 Drawing Page(s)
LN.CNT 718
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a process for forming a low density compression dosage unit to provide increased strength. The process of the present invention includes compacting under bi-level compaction pressure to provide a **continuous**-volume dosage unit which has a first volume defining an edge portion of the unit and a density which is greater than a density of a second volume defining a non-edge portion of the unit. The present invention also includes the product resulting from the process and apparatus used to make such units.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 33 OF 51 USPATFULL
AN 97:33514 USPATFULL
TI Process and apparatus for making rapidly dissolving dosage units and product therefrom
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5622719 19970422
AI US 1996-652252 19960523 (8)
RLI Continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Hulina, Amy
LREP Hoffmann & Baron
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1111
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 34 OF 51 USPATFULL

AN 97:26937 USPATFULL
TI Apparatus and process for strengthening low density compression dosage units and product therefrom
IN Battist, Gerald E., Reston, VA, United States
Bogue, B. Arlie, Broad Run, VA, United States
Myers, Garry L., Reston, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5616344 19970401
AI US 1994-276244 19940718 (8)
RLI Continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994 And Ser. No. US 1994-259258, filed on 14 Jun 1994
DT Utility
FS Granted
EXNAM Primary Examiner: Hulina, Amy
LREP Hoffmann & Baron
CLMN Number of Claims: 12
ECL Exemplary Claim: 1
DRWN 19 Drawing Figure(s); 8 Drawing Page(s)
LN.CNT 704
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a process for forming a low density compression dosage unit to provide increased strength. The process of the present invention includes compacting under bi-level compaction pressure to provide a **continuous**-volume dosage unit which has a first volume defining an edge portion of the unit and a density which is greater than a density of a second volume defining a non-edge portion of the unit. The present invention also includes the product resulting from the process and apparatus used to make such units.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 35 OF 51 USPATFULL
AN 96:118388 USPATFULL
TI Process for forming quickly dispersing comestible unit and product therefrom
IN Cherukuri, Subraman R., Towner, NJ, United States
Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5587172 19961224
AI US 1995-452666 19950526 (8)
RLI Division of Ser. No. US 1994-259258, filed on 14 Jun 1994 which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, Sharon
LREP Hoffmann & Baron
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1374
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method of preparing a comestible unit which disperses quickly in the mouth. The present invention also includes the product resulting from the method. The method includes initiating **crystallization** of shearform matrix and combining with an additive, either before or after initiating **crystallization**, to form flowable, compactible micro-particulates. The combination is then subjected to compacting to form a comestible unit having high structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 36 OF 51 USPATFULL
AN 96:96783 USPATFULL
TI Delivery of controlled-release systems(s)
IN Myers, Garry L., Reston, VA, United States
Battist, Gerald E., Reston, VA, United States
Fuisz, Richard C., Great Falls, VA, United States
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)
PI US 5567439 19961022
AI US 1994-334729 19941104 (8)
RLI Continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994
And Ser. No. US 1994-259258, filed on 14 Jun 1994
DT Utility
FS Granted
EXNAM Primary Examiner: Hulina, Amy
LREP Hoffmann & Baron
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1133
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is a method and a dosage unit for delivery of a controlled-release system. The dosage unit is a quick dissolve unit which can be prepared by mixing uncured shearform matrix and a controlled-release system, either molding or compacting a unit dosage form and curing the shearform matrix. The controlled-release systems used in the present invention include instantaneous release components, delayed release components, sustained release components, and combinations thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 37 OF 51 USPATFULL
AN 96:55861 USPATFULL
TI Recovery of **sucralose** intermediates
IN Navia, Juan L., Athens, GA, United States
Walkup, Robert E., Watkinsville, GA, United States
Neiditch, David S., Athens, GA, United States
PA McNeil-PPC, Inc., Skillman, NJ, United States (U.S. corporation)
PI US 5530106 19960625
AI US 1995-368466 19950104 (8)
RLI Continuation of Ser. No. US 1994-198744, filed on 18 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-30518, filed on 12 Mar 1993, now patented, Pat. No. US 5298611
DT Utility
FS Granted
EXNAM Primary Examiner: Nutter, Nathan M.
LREP Metz, Charles J.
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 609
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB There is disclosed a process for recovering **sucralose**-6-ester from a feed mixture of 6-O-acyl-4,1',6'-trichloro-4,1',6'-trideoxygalactosucrose in a reaction medium comprising a tertiary amide (such as N,N-dimethylformamide), wherein said process comprises **removing** a major proportion of said tertiary amide by steam distillation. In preferred aspects of the invention, the steam distillation is followed by **extraction** and then **purification** by **crystallization** or crystal aging to recover **sucralose**-6-ester in good yield.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 38 OF 51 USPATFULL
AN 96:21189 USPATFULL
TI Production of **sucralose** without intermediate isolation of crystalline **sucralose**-6-ester
IN Navia, Juan L., Athens, GA, United States
Walkup, Robert E., Watkinsville, GA, United States
Vernon, Nicholas M., Watkinsville, GA, United States
Neiditch, David S., Athens, GA, United States
PA McNeil-PPC, Inc., Milltown, NJ, United States (U.S. corporation)
PI US 5498709 19960312
AI US 1995-448710 19950524 (8)
RLI Continuation-in-part of Ser. No. US 1994-323954, filed on 17 Oct 1994, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Griffin, Ronald W.
LREP Metz, Charles J.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 652
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB There is disclosed a process for producing **sucralose** from **sucralose**-6-ester whereby the **sucralose**-6-ester is deacylated directly either prior to or after **removal** of the tertiary amide reaction vehicle from the neutralized chlorination reaction mixture, to produce an **aqueous** solution of **sucralose** plus salts and impurities, from which **sucralose** is recovered by **extraction** and is then preferably **purified** by **crystallization**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 39 OF 51 USPATFULL
AN 95:62483 USPATFULL
TI Chewing gum products using oligofructose
IN Yatka, Robert J., Orland Park, IL, United States
Richey, Lindell C., Lake Zurich, IL, United States
Meyers, Marc A., Naperville, IL, United States
PA Wm. Wrigley Jr. Company, Chicago, IL, United States (U.S. corporation)
PI US 5431929 19950711
AI US 1994-244845 19940728 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Hunter, Jeanette
LREP Shurtz, Steven P.Willian Brinks Hofer Gilson & Lione
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN 8 Drawing Figure(s); 8 Drawing Page(s)
LN.CNT 1251
AB Chewing gum products containing oligofructose and methods of making such products are disclosed. In one embodiment, the oligofructose is used in a rolling compound applied to the chewing gum product. In a second embodiment, the oligofructose is used in a coating, such as a hard-shell coating, for a pellet gum. In a third embodiment, oligofructose is used in the center fill of a chewing gum. In a fourth embodiment, aspartame is used to sweeten the gum composition and oligofructose is provided, preferably in an effective amount to stabilize the aspartame such that after eight weeks of storage at 85.degree. F., at least 5% less aspartame decomposes than would have decomposed if the oligofructose were not included. Oligofructose is also codried with other sweeteners,

coevaporated to make syrups and used as an encapsulating agent for high-intensity sweeteners or flavors used in gum compositions.

L9 ANSWER 40 OF 51 USPATFULL
AN 94:110586 USPATFULL
TI Method for controlling cookie geometry
IN Chedid, Lisa, Monmouth Junction, NJ, United States
Hennessey, Janet, Succasunna, NJ, United States
PA Nabisco, Inc., Parsippany, NJ, United States (U.S. corporation)
PI US 5374440 19941220
AI US 1992-996419 19921223 (7)
RLI Continuation-in-part of Ser. No. US 1991-804140, filed on 6 Dec 1991, now patented, Pat. No. US 5258197 which is a continuation-in-part of Ser. No. US 1990-624056, filed on 7 Dec 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-410161, filed on 20 Sep 1989, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Paden, Carolyn
CLMN Number of Claims: 19
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 889
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method for controlling spread in cookies uses in the cookie dough a shortening comprising geometry-altering triglycerides bearing long C.sub.16 to C.sub.22 saturated fatty acid residues and short C.sub.2 to C.sub.4 acid residues. In a preferred embodiment, the triglycerides have a solid fat index of about 10% to about 70% between 15.degree. and 30.degree. C., and the long residues are a mixture containing at least about 75% stearic acid residues while the short residues are derived from a mixture of acetic and propionic acid, a mixture of acetic and butyric, or a mixture of acetic, propionic, and butyric acid. The method is especially adapted to reducing spread in cookies containing an ingredient that promotes spread such as polydextrose. Cookies prepared with polydextrose and geometry-altering triglyceride compositions are low in calories.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 41 OF 51 USPATFULL
AN 94:97730 USPATFULL
TI Process for producing an esterified alkoxylated polyol
IN Handwerker, Beth M., West Chester, PA, United States
Cooper, Charles F., Paoli, PA, United States
Sekula, Bernard C., High Bridge, NJ, United States
PA Arco Chemical Technology, L.P., Englewood Cliffs, NJ, United States (U.S. corporation)
CPC International, Inc., Englewood Cliffs, NJ, United States (U.S. corporation)
PI US 5362894 19941108
AI US 1993-151330 19931112 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Dees, Jose G.; Assistant Examiner: Carr, Deborah D.
LREP Harper, Stephen D.
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 772
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method of obtaining a fatty acid-esterified alkoxylated polyol useful as a reduced calorie fat substitute is provided. The method utilizes a

C.sub.1 -C.sub.4 alkyl ester of a C.sub.8 -C.sub.24 fatty acid such as methyl stearate or methyl oleate and a short chain acid-esterified alkoxylated polyol such as the **acetate** of propoxylated glycerin as reactants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 42 OF 51 USPATFULL
AN 94:26639 USPATFULL
TI **Sucralose** pentaester production
IN Navia, Juan L., Athens, GA, United States
Walkup, Robert E., Watkinsville, GA, United States
Vernon, Nicholas M., Durham, England
Wingard, Jr., Robert E., Athens, GA, United States
PA McNeil-PPC, Inc., Milltown, NJ, United States (U.S. corporation)
PI US 5298611 19940329
AI US 1993-30518 19930312 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Nutter, Nathan M.
LREP Metz, Charles J.
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 593
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process for producing substantially pure **sucralose** pentaester from a mixture of 6-O-acyl-4,1' ,6' -trichloro-4,1',6'-trideoxygalactosucrose in a reaction medium comprising a tertiary amide, wherein said process comprises the steps of:

(a) recovering the 6-O-acyl-4,1' ,6' -trichloro-4,1' ,6' -trideoxygalactosucrose from said mixture;

(b) peracylating the 6-O-acyl-4,1' ,6' -trichloro-4,1' ,6' -trideoxygalactosucrose product of step (a) to produce thereby 4,1',6' -trichloro-4,1' ,6' -trideoxygalactosucrose pentaester; and

(c) **crystallizing** the 4,1',6' -trichloro-4,1' ,6' -trideoxygalactosucrose pentaester product of step (b) to produce substantially pure 4,1',6' -trichloro-4,1' ,6' -trideoxygalactosucrose pentaester.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 43 OF 51 USPATFULL
AN 93:14391 USPATFULL
TI Propylene glycol diesters of medium chain and long chain saturated fatty acids useful as reduced calorie cocoa butter substitutes and hard butters
IN Stipp, Gordon K., Cincinnati, OH, United States
Kluesener, Bernard W., Harrison, OH, United States
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)
PI US 5188858 19930223
AI US 1991-644042 19910118 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Golian, Joseph; Assistant Examiner: Wong, Leslie
LREP Guttag, Eric W.
CLMN Number of Claims: 42
ECL Exemplary Claim: 31
DRWN 4 Drawing Figure(s); 4 Drawing Page(s)
LN.CNT 2037

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Reduced calorie 1,2-propylene glycol diesters, where one ester group contains a medium chain C.sub.6 -C.sub.12 saturated fatty acid radicals(s), and where the other ester group contains a long chain C.sub.20 -C.sub.24 saturated fatty acid radical(s) are disclosed. These diesters are preferably obtained by the selective esterification of long chain saturated fatty acid monoesters of propylene glycol with the respective medium chain saturated fatty acids or anhydrides. Certain preferred diesters where the medium chain radicals are C.sub.8 and/or C.sub.10 radicals and where the long chain radicals are C.sub.20 and/or C.sub.22 radicals are particularly useful as reduced calorie cocoa butter substitutes and hard butters. Chocolate-flavored products formulated from these preferred diesters, when properly **crystallized**, are bloom resistant, even when subjected to thermal stress.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 44 OF 51 USPATFULL
AN 92:46893 USPATFULL
TI Food compositions containing reduced calorie fats and reduced calorie sugars
IN Mohlenkamp, Jr., Marvin J., Cincinnati, OH, United States
Pflaumer, Phillip F., Hamilton, OH, United States
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)
PI US 5120563 19920609
AI US 1991-762047 19910918 (7)
DCD 20080820
RLI Continuation of Ser. No. US 1989-454201, filed on 21 Dec 1989, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Golian, Joseph; Assistant Examiner: Wong, Leslie
LREP Guttag, Eric W., Hemingway, Ronald L., Witte, Richard C.
CLMN Number of Claims: 30
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1388
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Fat-containing and sugar-containing food compositions which comprise: (1) from about 2 to about 98% of a fat component having from about 10 to 100% of certain reduced calorie fats, and (2) from about 2 to about 98% of a sugar component having from about 10 to about 100% of certain reduced calorie sugars are disclosed. Examples of such compositions include flavored confectionery fat products, such as chocolate-flavored candy bars, chocolate-flavored coatings for enrobed products and chocolate-flavored chips, baked good products, such as cakes, brownies and cookies, and emulsified oil products such as margarines and salad dressings.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 45 OF 51 USPATFULL
AN 91:59094 USPATFULL
TI Process for recovery of organotin esters from reaction mixtures containing the same and re-use of the recovered organotin compounds
IN Vernon, Nicholas M., Athens, GA, United States
Walkup, Robert E., Watkinsville, GA, United States
PA Noramco, Inc., Athens, GA, United States (U.S. corporation)
PI US 5034551 19910723
AI US 1990-512690 19900423 (7)
DT Utility
FS Granted

EXNAM Primary Examiner: Prescott, Arthur C.
LREP Metz, Charles J.
CLMN Number of Claims: 30
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1150
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process which comprises **extracting** 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl) distannoxane from a mixture containing 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl)distannoxane, a sucrose-6-ester, and polar aprotic solvent, which process comprises the steps of:

(a) contacting said mixture, in the presence of a small amount of **water**, with an organic solvent that is substantially immiscible with **water** to form thereby an **extraction** mixture, wherein the amount of **water** employed is sufficient to cause efficient partitioning of said 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl)distannoxane from a first phase comprising said polar aprotic solvent into second phase comprising said organic solvent;

(b) agitating the **extraction** mixture for a period of time and at a temperature sufficient to form thereby a two-phase mixture wherein the preponderance of the 1,3-diacyloxy-1,1,3,3-tetra(hydrocabyl)distannoxane in the **extraction** mixture is contained in said second phase and essentially all of the sucrose-6-ester in the **extraction** mixture is contained in said first phase; and

(c) **separating** said first phase from said second phase.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 46 OF 51 USPATFULL
AN 91:46787 USPATFULL
TI Sucrose-6-ester production process
IN Neiditch, David S., Athens, GA, United States
Vernon, Nicholas M., Athens, GA, United States
Wingard, Jr., Robert E., Athens, GA, United States
PA Noramco, Inc., Athens, GA, United States (U.S. corporation)
PI US 5023329 19910611
AI US 1990-512692 19900423 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Griffin, Ronald W.; Assistant Examiner: White, Everett
LREP Metz, Charles J.
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1162
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Process which comprises reacting sucrose with a di-(hydrocarbyl)tin oxide in an inert organic reaction vehicle with **removal** of **water** for a period of time and at a temperature sufficient to produce a 1,3-di-(6-O-sucrose)-1,1,3,3-tetra(hydrocarbyl)distannoxane.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 47 OF 51 USPATFULL
AN 91:18772 USPATFULL
TI Method for increasing salivation for xerostomia patients
IN Corsello, Vincent, Cedar Knolls, NJ, United States
Glass, Michael, Fair Lawn, NJ, United States
Ross, Norton, Randolph, NJ, United States
Hohclick, Joseph, Hopatcong, NJ, United States

Bilka, Kenneth P., Floral Park, NY, United States
PA Warner-Lambert Company, Morris Plains, NJ, United States (U.S. corporation)
PI US 4997654 19910305
AI US 1989-393422 19890814 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Spear, James M.
LREP Scola, Jr., Daniel A., Bullitt, Richard S.
CLMN Number of Claims: 21
ECL Exemplary Claim: 1
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 539
AB A method for treating xerostomia which comprises chewing gum or candy containing from 4 to 70 weight percent xylitol therein.

L9 ANSWER 48 OF 51 USPATFULL
AN 90:98814 USPATFULL
TI Sucrose-6-ester chlorination
IN Walkup, Robert E., Watkinsville, GA, United States
Navia, Juan L., Athens, GA, United States
Vernon, Nicholas M., Athens, GA, United States
PA Noramco, Inc., Atlanta, GA, United States (U.S. corporation)
PI US 4980463 19901225
AI US 1989-382147 19890718 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Griffin, Ronald W.; Assistant Examiner: White, Everett
LREP Metz, Charles J.
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN 7 Drawing Figure(s); 6 Drawing Page(s)
LN.CNT 1218
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process for the chlorination of sucrose-6-esters to produce 6',4,1'-trichlorosucrose-6-esters which comprises the steps of:

(a) adding at least seven molar equivalents of an acid chloride to a reaction mixture containing a sucrose-6-ester and a tertiary amide to form initially a chloroformiminium chloride salt which subsequently forms a complex with the hydroxyl groups of the sucrose-6-ester;

(b) subjecting the reaction mixture product of step (a) to an elevated temperature not higher than about 85.degree. C. for a period of time sufficient to produce a mixture of **chlorinated** sucrose-6-ester products consisting essentially of 6'-chlorosucrose-6-ester, 4,6'-dichlorosucrose-6-ester, and 1',6'-dichlorosucrose-6-ester; and

(c) subjecting the reaction mixture product of step (b) to an elevated temperature not higher than about 125.degree. C. for a period of time sufficient to produce a **chlorinated** product consisting essentially of 1',4,6'-trichlorosucrose-6-ester.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 49 OF 51 USPATFULL
AN 90:23437 USPATFULL
TI Chewable, peelable, layered soft nougat candies
IN Crosello, Vincent G., Cedar Knolls, NJ, United States
Calayan, Carolina, Morris Plains, NJ, United States
Graff, Allan H., Randolph, NJ, United States
PA Warner-Lambert Company, Morris Plains, NJ, United States (U.S. corporation)

PI US 4911937 19900327
AI US 1988-211498 19880624 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Penland, R. B.
LREP Scola, Jr., Daniel A., Jeannette, Henry C.
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1111
AB A chewable, peelable nougat candy is disclosed. The candy comprises at least two layers of nougat wherein each layer of nougat is made separable from the adjoining layer of nougat by the interposition of a compound coating. The individual layers of nougat may be of the same or different flavor, and the compound coating may contain flavoring agents.

L9 ANSWER 50 OF 51 USPAT2
AN 2002:61448 USPAT2
TI **Extractive** solution **crystallization** of chemical compounds
IN Fontenot, Kevin J., Kingsport, TN, United States
PA Eastman Chemical Company, Kingsport, TN, United States (U.S. corporation)
PI US 6500973 B2 20021231
AI US 2001-870988 20010601 (9)
PRAI US 2000-208565P 20000602 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Carr, Deborah D.
LREP Graves, Bernard J., Blake, Michael J.
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 3 Drawing Page(s)
LN.CNT 1168
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process for the **purification** and isolation of a chemical compound, by **extractive** solution **crystallization**. The process comprises combining in any order a first solvent, a second solvent, and a mixture comprising a chemical compound with at least one impurity. The second solvent phase **extracts** impurities out of the first solvent, and keeps the impurities dissolved to avoid their co-**crystallization** with the phenyl ester salt. Once the chemical compound has **crystallized** out of solution, it is collected, washed and/or dried. The second solvent may be added after the mixture containing at least one chemical compound is dissolved in a first solvent, as long as the second solvent phase is added prior to the end of **crystallization**. Advantageously, this invention combines the previously distinct steps of **extraction** and **crystallization** in one unit operation. The process may be used with a variety of chemical compounds particularly, phenyl ester salts, including but not limited to sodium 4-sulfophenyl-6-[(1-oxynonyl)amino] hexanoate, sodium 4-(nonanoyloxy) benzenesulfonate, and sodium benzoyloxybenzenesulphonate.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 51 OF 51 USPAT2
AN 2001:155442 USPAT2
TI Coated chewing gum products containing an acid blocker and process of preparing
IN Zyck, Daniel J., North Riverside, IL, United States
Greenberg, Michael J., Northbrook, IL, United States
Barkalow, David G., Deerfield, IL, United States

[redacted]

Marske, Scott W., LaGrange, IL, United States
Schnell, Philip G., Downers Grove, IL, United States
Mazzone, Philip, Griffith, IN, United States
Witkewitz, David L., Bridgeview, IL, United States
PA WM. Wrigley Jr. Company, Chicago, IL, United States (U.S. corporation)
PI US 6541048 B2 20030401
AI US 2000-748699 20001222 (9)
RLI Continuation-in-part of Ser. No. US 2000-552290, filed on 19 Apr 2000 Continuation of Ser. No. US 1999-389211, filed on 2 Sep 1999, now abandoned Continuation of Ser. No. US 748699 Continuation of Ser. No. US 2000-653669, filed on 1 Sep 2000 Continuation of Ser. No. US 2000-654464, filed on 1 Sep 2000 Continuation of Ser. No. WO 1999-US29742, filed on 14 Dec 1999 Continuation-in-part of Ser. No. WO 1999-US29792, filed on 14 Dec 1999
DT Utility
FS GRANTED
EXNAM Primary Examiner: Corbin, Arthur L.
LREP Shurtz, Steven P., Brinks Hofer Gilson & Lione
CLMN Number of Claims: 42
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 1116
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method of making coated chewing gum products containing an acid blocker comprises the steps of providing chewing gum cores; providing a coating syrup comprising a bulk sweetener, providing an acid blocker, applying the coating syrup and acid blocker to the cores and drying the syrup to produce a coating on the cores, the coating containing the acid blocker.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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     (FILE 'HOME' ENTERED AT 07:59:15 ON 29 MAY 2003)

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     BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN,
     COMPENDEX, CONFSCI, COPPERLIT, CORROSION, ENCOMPLIT2, FEDRIP, GENBANK,
     INSPEC, INSPHYS, INVESTEXT, IPA, JICST-EPLUS, ...' ENTERED AT 07:59:33 ON
     29 MAY 2003
L1          4124 S SUCRALOSE
L2           336 S L1 AND PURIF?
L3           220 S L2 AND EXTRACT?
L4           117 S L3 AND (BATCH OR CONTINUOUS OR COUNTERCURRENT)
L5           117 S L4 AND (ACETATE OR AQUEOUS OR WATER)
L6           115 S L5 AND (TETRACHLOROSUCROSE OR REMOV? OR SEPARAT? OR CHLORIN
L7             0 S L6 AND TETRACHLOROGALACTOTAGATOSE
L8             0 S L6 AND (HILDEBRAND(W)PARAMETER)
L9            51 S L6 AND CRYSTALLIZ?
L10           17 S L9 AND (MOTHER(W)LIQUOR OR RECYCL?)

=> s l2 and (beverage or sweetner)
  41 FILES SEARCHED...
L11         134 L2 AND (BEVERAGE OR SWEETNER)

=> s l11 and (product or food or drink)
  22 FILES SEARCHED...
  36 FILES SEARCHED...
  53 FILES SEARCHED...
L12         134 L11 AND (PRODUCT OR FOOD OR DRINK)

=> dis hist

     (FILE 'HOME' ENTERED AT 07:59:15 ON 29 MAY 2003)

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     BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN,
     COMPENDEX, CONFSCI, COPPERLIT, CORROSION, ENCOMPLIT2, FEDRIP, GENBANK,
     INSPEC, INSPHYS, INVESTEXT, IPA, JICST-EPLUS, ...' ENTERED AT 07:59:33 ON
     29 MAY 2003
L1          4124 S SUCRALOSE
L2           336 S L1 AND PURIF?
L3           220 S L2 AND EXTRACT?
L4           117 S L3 AND (BATCH OR CONTINUOUS OR COUNTERCURRENT)
L5           117 S L4 AND (ACETATE OR AQUEOUS OR WATER)
L6           115 S L5 AND (TETRACHLOROSUCROSE OR REMOV? OR SEPARAT? OR CHLORIN
L7             0 S L6 AND TETRACHLOROGALACTOTAGATOSE
L8             0 S L6 AND (HILDEBRAND(W)PARAMETER)
L9            51 S L6 AND CRYSTALLIZ?
L10           17 S L9 AND (MOTHER(W)LIQUOR OR RECYCL?)
L11          134 S L2 AND (BEVERAGE OR SWEETNER)
L12          134 S L11 AND (PRODUCT OR FOOD OR DRINK)

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